

Abstract of the Disclosure

An apparatus for the processing of pre-hydrolysis of biomass, particularly a reactor of the failsafe type, either mobile or not, which may be manufactured of microbonded carbon steel and coated with special material (refractory metals, plastics, etc.). The insertion of vacuum between the shell of the reactor and its coating prevents its implosion and permits the detection of leakage with the helium gas. The resistance to corrosion of the refractory metals enables carrying out of pre-hydrolysis and mineral digestion.